

Figures 1 and 2, although a different number of satellite tubes may be provided in a variety of relative arrangements according to the present invention. Central tube 102 passes through both end plates 106 so that the satellite tubes 104 mounted on end plates 106 are rotatable about central tube 102. If desirable, a conventional friction-reducing mechanism may be provided to facilitate the rotation of the end plates 104 about central tube 102, such as ball bearings or the like. However, satellite tubes 104 are preferably static relative to end plates 104 (i.e., satellite tubes 104 preferably do not rotate about their respective axes).

Please **rewrite the paragraph beginning on page 6, line 3, as follows:**

Each satellite tube 104 may be mounted relative to end plates 106 using screws 108, passed through slots 110 formed in each end plate 106. Respective slots 110 in the end plates 106 are preferably aligned with one another so as to extend radially outward from the central tube 102, such that a respective satellite tube 104 can be fixed at different radial distances from the central tube 102. Screws 108 may be of any known form, including a finger-tightened screw as shown in Figures 1 and 2.

Please **delete the paragraph beginning on page 7, line 1, and**
insert therefor:

-- As mentioned above, the assembly may carry a plurality of oppositely poled magnet pairs 114 mounted thereon (for example, fastened onto end plates 106 by means of fastener holes 112). For example, magnets 114 may be attached to endplates 106 at locations between respective satellite tubes 104. See Figure 3. When the assembly of satellite tubes 104 mounted on end plates 106 is rotated with magnets 114 mounted thereon, the assembly can be used as a rotor of an electrical generator. --

Please **delete the paragraph beginning on page 7, line 20, and ending on page 8, line 4, and** insert therefor:

-- As mentioned above, at least one wire, made from a shape-memory effect material such as nitinol, is looped about the central tube 102 and each respective satellite tube 104. Usually, a plurality of such wires are looped about the central tube 102 and each satellite tube 104. Each loop is, for example, a length of wire having its ends joined to each other in any conventional manner. One method of joining the ends is to use a laser to make a spot weld. Most preferably, the ends of the wire are joined so

as to not cause any discontinuities in the shape memory effect along the length of the loop. --

Please **delete** the paragraph beginning on page 8, line 21, and ending on page 9, line 7, and insert therefor:

-- The asymmetric deformation illustrated in Figure 4 imparts a tangential component of force on a respective satellite tube 104 in the direction of the deformation (the central tube 102 being essentially fixed). In the case illustrated in Figure 4, for example, a tangential force to the left (with respect to the drawing) would be applied to the respective satellite tube 104. The sum of such tangential forces over all of the wire loops used is sufficient to cause the endplates 106 and satellite tubes 104 (and the magnets 114, if provided) to rotate about the central tube 102. The radial distance between a satellite tube 104 and central tube 102 may be altered so as to control the torque applied to the assembly, and, in turn, the speed at which the assembly rotates about the central tube 102. --

In the Drawings

Please **amend** FIG. 4 as indicated in red in the attached copy.